In the Claims:

1. (Currently amended) A system, comprising:

a processor; and

a memory comprising program instructions, wherein the program instructions are executable by the processor to implement a zone visualization mechanism configured to:

obtain zoning information for a plurality of Storage Area Network (SAN) objects in a SAN, wherein the SAN comprises one or more host systems, one or more storage devices, and one or more fabrics; and

in response to selection of a particular SAN object in the SAN, display <u>one or more tables of</u> zoning information for the selected SAN object, wherein the <u>one or more tables of</u> zoning information for the selected SAN object ~~indicates one or more~~ <u>include one or more entries for each one of multiple</u> zones of the SAN of which the selected SAN object is a member<u>, wherein each of the one or more entries includes information describing a particular membership of the selected SAN object in the respective zone</u>.

2. (Currently amended) The system as recited in claim 1, wherein the ~~displayed~~ <u>one or more tables of</u> zoning information indicate[[s]] logical zone membership for the selected SAN object, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone.

3. (Currently amended) The system as recited in claim 1, wherein the ~~displayed~~ <u>one or more tables of</u> zoning information further ~~indicates~~ <u>include one or more</u>

entries for each one of one or more zone aliases of the SAN of which the selected SAN object is a logical or physical member, wherein each of the one or more entries includes information describing a particular membership of the selected SAN object in the respective zone alias, wherein a zone alias represents a logical grouping of SAN objects, and wherein a SAN object is a logical member of a zone alias via relationship of the SAN object to one or more other SAN objects that are physical members of the zone alias.

4. (Currently amended)   The system as recited in claim 1, wherein, for each zone of the SAN of which the selected SAN object is a member, the displayed zoning information for a zone of which the selected SAN object is a member further indicates the one or more tables of zoning information include a separate entry corresponding to each one or more other SAN object[[s]] through which the selected SAN object is a logical or physical member of the zone, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone.

5. (Currently amended)   The system as recited in claim 4, wherein the indicated one or more other SAN objects are each entry corresponding to another SAN object through which the selected SAN object is a logical or physical member of the zone is user-selectable to display zoning information for the one or more respective other SAN object[[s]], wherein the zoning information for the one or more other SAN object[[s]] indicates one or more zones of the SAN of which the one or more other SAN object[[s]] are is a logical or physical member[[s]].

6. (Currently amended)   The system as recited in claim 1, wherein each of the indicated one or more zones of the SAN of which the selected SAN object is a member entry in the one or more tables corresponding to a zone in the SAN is user-selectable to display zone-centric information for the selected respective zone, wherein the zone-centric information indicates one or more SAN objects that are members of the zone and relationships among the one or more SAN objects that are members of the zone.

7. (Currently amended)   The system as recited in claim 6, wherein the indicated one or more ~~other~~ SAN objects that are members of the <u>respective</u> zone are <u>each</u> user-selectable to display zoning information for the ~~one or more other~~ <u>respective</u> SAN object[[s]], wherein the zoning information for ~~each of the one or more other~~ <u>the</u> <u>respective</u> SAN object[[s]] indicates one or more zones of the SAN of which the <u>respective</u> SAN object is a member.

8. (Currently amended)   The system as recited in claim 6, wherein the zone visualization mechanism is further configured to display the zone-centric information for the ~~selected~~ <u>respective</u> zone in graphical format or textual format.

9. (Currently amended)   The system as recited in claim 1, wherein the zone visualization mechanism is further configured to display ~~the~~ zoning information for the selected SAN object ~~in the SAN~~ in graphical format ~~or textual format~~.

10. (Currently amended) A storage area network (SAN), comprising:

one or more host systems;

one or more storage devices;

a SAN fabric for coupling the host systems to the storage devices;

a system configured to implement a zone visualization mechanism, wherein the
    zone visualization mechanism is configured to:

    obtain zoning information for a plurality of SAN objects in the SAN; and

    in response to selection of a particular SAN object in the SAN, display <u>one</u>
        <u>or more tables of</u> zoning information for the selected SAN object,
        wherein the <u>one or more tables of</u> zoning information for the

selected SAN object ~~indicates one or more~~ <u>include one or more</u> <u>entries for each one of multiple</u> zones of the SAN of which the selected SAN object is a member<u>, wherein each of the one or more</u> <u>entries includes information describing a particular membership of</u> <u>the selected SAN object in the respective zone</u>.

11. (Currently amended)   The SAN as recited in claim 10, wherein the ~~displayed~~ <u>one or more tables of</u> zoning information indicate[[s]] logical zone membership for the selected SAN object, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone.

12. (Currently amended)   The SAN as recited in claim 10, wherein the ~~displayed~~ <u>one or more tables of</u> zoning information further ~~indicates~~ <u>include one or more</u> <u>entries for each one of</u> one or more zone aliases of the SAN of which the selected SAN object is a logical or physical member<u>, wherein each of the one or more entries includes</u> <u>information describing a particular membership of the selected SAN object in the</u> <u>respective zone alias</u>, wherein a zone alias represents a logical grouping of SAN objects, and wherein a SAN object is a logical member of a zone alias via relationship of the SAN object to one or more other SAN objects that are physical members of the zone alias.

13. (Currently amended)   The SAN as recited in claim 10, wherein<u>, for each</u> <u>zone of the SAN of which the selected SAN object is a member,</u> ~~the~~ ~~displayed zoning~~ ~~information for a zone of which the selected SAN object is a member further indicates~~ <u>the one or more tables of zoning information include a separate entry corresponding to</u> <u>each</u> ~~one or more~~ other SAN object[[s]] through which the selected SAN object is a logical <u>or physical</u> member of the zone, wherein a SAN object is a logical member of a zone via relationship of the SAN object to ~~one or more~~ other SAN objects that are physical members of the zone.

14. (Currently amended) The SAN as recited in claim 13, wherein ~~the indicated one or more other SAN objects are~~ each entry corresponding to another SAN object through which the selected SAN object is a logical or physical member of the zone is user-selectable to display zoning information for the ~~one or more~~ respective other SAN object[[s]], wherein the zoning information for the ~~one or more~~ other SAN object[[s]] indicates one or more zones of the SAN of which the ~~one or more~~ other SAN object[[s]] ~~are~~ is a logical or physical member[[s]].

15. (Currently amended) The SAN as recited in claim 10, wherein each ~~of the indicated one or more zones of the SAN of which the selected SAN object is a member~~ entry in the one or more tables corresponding to a zone in the SAN is user-selectable to display zone-centric information for the ~~selected~~ respective zone, wherein the zone-centric information indicates one or more SAN objects that are members of the zone and relationships among the one or more SAN objects that are members of the zone.

16. (Currently amended) The SAN as recited in claim 15, wherein the indicated one or more ~~other~~ SAN objects that are members of the respective zone are each user-selectable to display zoning information for the ~~one or more other~~ respective SAN object[[s]], wherein the zoning information for ~~each of the one or more other~~ the respective SAN object[[s]] indicates one or more zones of the SAN of which the respective SAN object is a member.

17. (Currently amended) The SAN as recited in claim 15, wherein the zone visualization mechanism is further configured to display the zone-centric information for the ~~selected~~ respective zone in graphical format or textual format.

18. (Currently amended) The SAN as recited in claim 10, wherein the zone visualization mechanism is further configured to display ~~the~~ zoning information for the selected SAN object ~~in the SAN~~ in graphical format ~~or textual format~~.

19. (Currently amended) A system, comprising:

means for obtaining zoning information for a plurality of Storage Area Network (SAN) objects in a SAN, wherein the SAN comprises one or more host systems, one or more storage devices, and one or more fabrics; and

means for displaying zoning information <u>in tabular format</u> for a selected SAN object in the SAN in response to selection of the object, wherein the zoning information for the selected SAN object ~~indicates one or more~~ <u>includes one or more entries for each one of multiple</u> zones of the SAN of which the selected SAN object is a member<u>, wherein each of the one or more entries includes information describing a particular membership of the selected SAN object in the respective zone.</u>

20. (Currently amended)   The system as recited in claim 19, wherein the displayed <u>one or more tables of</u> zoning information indicate[[s]] logical zone membership for the selected SAN object, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone.

21. (Currently amended)   The system as recited in claim 19, wherein<u>, for each zone of the SAN of which the selected SAN object is a logical member,</u> ~~the displayed zoning information for each zone of which the selected SAN object is a logical member further indicates~~ <u>the one or more tables of zoning information include a separate entry corresponding to each</u> ~~one or more~~ other SAN object[[s]] through which the selected SAN object is connected to the zone, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone, and wherein the system further comprises means for displaying zoning information for the ~~one or more~~ other SAN objects, wherein the zoning information for the ~~one or more~~ other SAN objects indicates one or more zones of the SAN of which the ~~one or more~~ other SAN objects are logical or physical members.

22. (Currently amended)   The system as recited in claim 19, further comprising means for displaying zone-centric information for the ~~indicated one or more~~ zones of the SAN of which the selected SAN object is a member, wherein the zone-centric information for a zone indicates one or more SAN objects that are members of the zone and relationships among the one or more SAN objects that are members of the zone.

23. (Currently amended) A method, comprising:

obtaining zoning information for a plurality of Storage Area Network (SAN) objects in a SAN, wherein the SAN comprises one or more host systems, one or more storage devices, and one or more fabrics; and

displaying <u>one or more tables of</u> zoning information for a selected SAN object in the SAN in response to selection of the SAN object, wherein the <u>one or more tables of</u> zoning information for the selected SAN object ~~indicates one or more~~ <u>include one or more entries for each one of multiple</u> zones of the SAN of which the selected SAN object is a member<u>, wherein each of the one or more entries includes information describing a particular membership of the selected SAN object in the respective zone.</u>

24. (Currently amended)   The method as recited in claim 23, wherein the displayed <u>one or more tables of</u> zoning information indicate[[s]] logical zone membership for the selected SAN object, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone.

25. (Currently amended)   The method as recited in claim 23, wherein the ~~displayed~~ <u>one or more tables of</u> zoning information further ~~indicates~~ <u>include one or more entries for each one of</u> one or more zone aliases of the SAN of which the selected SAN object is a logical or physical member<u>, wherein each of the one or more entries includes information describing a particular membership of the selected SAN object in the</u>

respective zone alias, wherein a zone alias represents a logical grouping of SAN objects, and wherein a SAN object is a logical member of a zone alias via relationship of the SAN object to one or more other SAN objects that are physical members of the zone alias.

26. (Currently amended)   The method as recited in claim 23, wherein, for each zone of the SAN of which the selected SAN object is a member, ~~the displayed zoning information for a zone of which the selected SAN object is a member further indicates another~~ the one or more tables of zoning information include a separate entry corresponding to each other SAN object through which the selected SAN object is a logical or physical member of the zone, wherein a SAN object is a logical member of a zone via relationship of the SAN object to ~~one or more~~ other SAN objects that are physical members of the zone.

27. (Currently amended)   The method as recited in claim 26, further comprising:

>   accepting user input selecting ~~the indicated other SAN object~~ an entry corresponding to a particular other SAN object through which the selected SAN object is a logical or physical member of the zone; and

>   displaying zoning information for the particular other SAN object in response to the user input selecting the ~~indicated~~ entry corresponding to the particular other SAN object, wherein the zoning information for the particular other SAN object indicates one or more zones of the SAN of which the particular other SAN object is a logical or physical member.

28. (Currently amended)   The method as recited in claim 23, further comprising:

accepting user input selecting ~~one of the indicated one or more zones of the SAN~~ ~~of which the selected SAN object is a member~~ a particular entry in the one or more tables; and

displaying zone-centric information for ~~the selected~~ a zone corresponding to the selected entry in response to the user input selecting ~~the one of the~~ ~~indicated one or more zones~~ the particular entry in the one or more tables, wherein the zone-centric information indicates one or more SAN objects that are members of the zone corresponding to the selected entry and relationships among the one or more SAN objects that are members of the zone corresponding to the selected entry.

29. (Currently amended)   The method as recited in claim 28, further comprising:

accepting user input selecting one of the one or more ~~other~~ SAN objects that are members of the zone corresponding to the selected entry; and

displaying zoning information for the ~~one or more other~~ user-selected SAN object[[s]] in response to the user input selecting the ~~one of the one or~~ ~~more other~~ SAN object[[s]], wherein the zoning information for the user-selected SAN object indicates one or more zones of the SAN of which the user-selected SAN object is a member.

30. (Currently amended)   The method as recited in claim 28, further comprising displaying the zone-centric information for the ~~selected~~ zone corresponding to the selected entry in one of graphical format or textual format.

31. (Currently amended)   The method as recited in claim 23, further comprising displaying ~~the~~ zoning information for the selected SAN object ~~in the SAN~~ in ~~one of~~ graphical format ~~or textual format~~.

32. (Currently amended) A computer-accessible storage medium comprising program instructions, wherein the program instructions are computer-executable to implement:

obtaining zoning information for a plurality of Storage Area Network (SAN) objects in a SAN, wherein the SAN comprises one or more host systems, one or more storage devices, and one or more fabrics; and

displaying one or more tables of zoning information for a selected SAN object in the SAN in response to selection of the SAN object, wherein the one or more tables of zoning information for the selected SAN object indicates one or more include one or more entries for each one of multiple zones of the SAN of which the selected SAN object is a member, wherein each of the one or more entries includes information describing a particular membership of the selected SAN object in the respective zone.

33. (Currently amended) The computer-accessible storage medium as recited in claim 32, wherein the displayed one or more tables of zoning information indicate[[s]] logical zone membership for the selected SAN object, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone.

34. (Currently amended) The computer-accessible storage medium as recited in claim 32, wherein the displayed one or more tables of zoning information further indicates include one or more entries for each one of one or more zone aliases of the SAN of which the selected SAN object is a logical or physical member, wherein each of the one or more entries includes information describing a particular membership of the selected SAN object in the respective zone alias, wherein a zone alias represents a logical grouping of SAN objects, and wherein a SAN object is a logical member of a zone alias

via relationship of the SAN object to one or more other SAN objects that are physical members of the zone alias.

35. (Currently amended)   The computer-accessible storage medium as recited in claim 32, wherein, for each zone of the SAN of which the selected SAN object is a member, the displayed zoning information for a zone of which the selected SAN object is a member further indicates another the one or more tables of zoning information include a separate entry corresponding to each other SAN object through which the selected SAN object is a logical or physical member of the zone, wherein a SAN object is a logical member of a zone via relationship of the SAN object to one or more other SAN objects that are physical members of the zone.

36. (Currently amended)   The computer-accessible storage medium as recited in claim 35, wherein the program instructions are further computer-executable to implement:

accepting user input selecting the indicated other SAN object an entry
        corresponding to a particular other SAN object through which the selected
        SAN object is a logical or physical member of the zone; and

displaying zoning information for the particular other SAN object in response to
        the user input selecting the indicated entry corresponding to the particular
        other SAN object, wherein the zoning information for the particular other
        SAN object indicates one or more zones of the SAN of which the
        particular other SAN object is a logical or physical member.

37. (Currently amended)   The computer-accessible storage medium as recited in claim 32, wherein the program instructions are further computer-executable to implement:

accepting user input selecting ~~one of the indicated one or more zones of the SAN~~ ~~of which the selected SAN object is a member~~ a particular entry in the one or more tables; and

displaying zone-centric information for ~~the selected~~ a zone corresponding to the selected entry in response to the user input selecting ~~the one of the~~ ~~indicated one or more zones~~ the particular entry in the one or more tables, wherein the zone-centric information indicates one or more SAN objects that are members of the zone corresponding to the selected entry and relationships among the one or more SAN objects that are members of the zone corresponding to the selected entry.

38. (Currently amended)   The computer-accessible storage medium as recited in claim 37, wherein the program instructions are further computer-executable to implement:

accepting user input selecting one of the one or more ~~other~~ SAN objects that are members of the zone corresponding to the selected entry; and

displaying zoning information for the ~~one or more other~~ user-selected SAN object[[s]] in response to the user input selecting the ~~one of the one or~~ ~~more other~~ SAN object[[s]], wherein the zoning information for the user-selected SAN object indicates one or more zones of the SAN of which the user-selected SAN object is a member.

39. (Currently amended)   The computer-accessible storage medium as recited in claim 37, wherein the program instructions are further computer-executable to implement displaying the zone-centric information for the ~~selected~~ zone corresponding to the selected entry in one of graphical format or textual format.

40. (Currently amended) The computer-accessible storage medium as recited in claim 32, wherein the program instructions are further computer-executable to implement displaying ~~the~~ zoning information for the selected SAN object ~~in the SAN~~ in ~~one of~~ graphical format ~~or textual format~~.

41. (New) The system as recited in claim 1, wherein the information describing a particular membership of the selected SAN object in the respective zone includes one or more of information identifying the respective zone, information identifying a fabric that includes the respective zone, information identifying a SAN object through which the selected SAN object is a member of the respective zone, and information indicating membership status of the selected SAN object in the respective zone, wherein the membership status indicates one of active and inactive.

42. (New) The SAN as recited in claim 10, wherein the information describing a particular membership of the selected SAN object in the respective zone includes one or more of information identifying the respective zone, information identifying a fabric that includes the respective zone, information identifying a SAN object through which the selected SAN object is a member of the respective zone, and information indicating membership status of the selected SAN object in the respective zone, wherein the membership status indicates one of active and inactive.

43. (New) The method as recited in claim 23, wherein the information describing a particular membership of the selected SAN object in the respective zone includes one or more of information identifying the respective zone, information identifying a fabric that includes the respective zone, information identifying a SAN object through which the selected SAN object is a member of the respective zone, and information indicating membership status of the selected SAN object in the respective zone, wherein the membership status indicates one of active and inactive.

44. (New) The computer-accessible storage medium as recited in claim 32, wherein the information describing a particular membership of the selected SAN object

in the respective zone includes one or more of information identifying the respective zone, information identifying a fabric that includes the respective zone, information identifying a SAN object through which the selected SAN object is a member of the respective zone, and information indicating membership status of the selected SAN object in the respective zone, wherein the membership status indicates one of active and inactive.